

CURRICULUM VITAE



YANNICK GEERT KLOMBERG

EDUCATION

2008: BTech. in Nature Conservation, Nelson Mandela Metropolitan University, George, South Africa.

2005–2010: Ba in Forest and Nature Management, specialization Tropical Forestry, Van Hall Larenstein University of Applied Sciences, Velp, The Netherlands

2010–2012: MSc. in Forest and Nature Conservation, specialization management, Wageningen University, Wageningen, The Netherlands

2016–2021: Ph.D. studies in Ecology, Faculty of Science, Charles University, Prague, Czech Republic. Thesis: The role of plant functional traits in organising plant-pollinator interactions.

EMPLOYMENT

2013–2016: Naturalis Biodiversity Center, Project employee Botanical database management, Wageningen and Leiden, The Netherlands.

2015: Biodiversity Data Capture on West African Plants Initiative, Consultant and trainer, on behalf of Naturalis, International workshop held at the National Herbarium of Cameroon.

2016–2021: Ph.D. researcher at the Department of Ecology, Faculty of Science, Charles University, Prague, Czech Republic.

RESEARCH AND STUDY EXPERIENCE

2009–2010: The Jane Goodall Institute, Tanzania, bachelor thesis: Fuel wood consumption in the TACARE villages, Kigoma region Tanzania; How can we make it more sustainable?

2011–2012: Wageningen University, The Netherlands, master thesis: The effects of Amazonian Dark Earths on the Composition, Diversity and Density of understory herbs, ferns and palms in a Bolivian tropical forest.

2012: Staatsbosbeheer (State Forestry Service), The Netherlands, internship.

2014: ESRI Rwanda, GIS consultancy (intern, 2 months).

2015: The Jane Goodall Institute Congo, Interim head of Mandrill research, Pointe Noire, Republic of Congo (voluntary work, 1 month).

2015: Biodiversity Data Capture on West African Plants Initiative, Consultant and trainer on behalf of Naturalis Biodiversity Center at the international workshop held at the National Herbarium of Cameroon, Yaounde, Cameroon.

2016–2018: Charles University, Prague, Czech Republic. Multiple stays on Mount Cameroon to study plant-pollinator interactions.

2016–ongoing: Naturalis Biodiversity Center, Leiden, The Netherlands. Honorary research associate at the department of Botany.

GRANTS

Principal investigator

2011 The role of Anthropogenic Dark Earths in shaping understory plant communities in the Bolivian amazon forest of La Chonta. Student grant, Alberta Mennega Foundation.

2017–2019 The importance of seasonality in shaping plant-pollinator networks in tropical montane forest, Grant Agency of Charles University (GAUK).

Research team member

2016–2018 Structure and specialization of pollination networks along an Afrotropical altitudinal gradient: a path to understanding biodiversity evolution. Czech Science Foundation (GAČR), PI: Robert Tropek.

2018–2019 Foraging behaviour and flight kinematics of *Cyanomitra oritis*, Grant Agency of Charles University (GAUK), PI: Zuzana Sejfová.

2018–2020 Crucial drivers for pollination networks organisation: Effects of altitude, latitude and habitat fragmentation, PRIMUS project Charles University, PI: Robert Tropek.

PUBLICATIONS

- Quintero-Vallejo, E., **Klomberg, Y.**, Bongers, F., Poorter, L., Toledo, M. and Peña-Claros, M. (2015). Amazonian Dark Earth Shapes the Understory Plant Community in a Bolivian Forest. *Biotropica*, 47(2): 152–161.
- Dauby, G., [...], **Klomberg, Y.**, [...], Couvreur, T.L.P. (2016). RAINBIO: a mega-database of tropical African vascular plants distributions. *PhytoKeys*, 74: 1-18.
- Sosef, M.S.M., [...], **Klomberg, Y.**, [...], Couvreur, T.L.P. (2017). Exploring the floristic diversity of tropical Africa. *BMC Biology*, 15(1):15.
- Klomberg, Y.**, Dywou Kouede, R., Bartoš, M., Mertens, J. E. J., Tropek, R., Fokam, E. B. and Janeček, Š. (2019). The role of ultraviolet reflectance and pattern in the pollination system of *Hypoxis camerooniana* (Hypoxidaceae). *AoB Plants*, 11(5): plz057.
- Bartoš, M., Janeček, Š., Janečková, P., Padyšáková, E., Tropek, R., Götzenberger, L., **Klomberg, Y.** and Jersáková, J. (2020). Self-compatibility and autonomous selfing of plants in meadow communities. *Plant Biology*, 22(1): 120-128.
- Bartoš, M., Janeček, Š., Janečková, P., Chmelová, E., Tropek, R., Götzenberger, L., **Klomberg, Y.** and Jersáková, J. (2020). Are reproductive traits related to pollen limitation in plants? A case study from a Central European meadow. *Plants*, 9(5): 640.
- Klomberg, Y.**, Tropek, R., Mertens, J. E. J., Kobe, I. N., Hodeček, J., Raška, J., Fominka, N. T., Souto-Vilarós, D. and Janeček, Š. (2020) Spatiotemporal shifts in the role of floral traits in shaping tropical plant-pollinator interactions. *BioRxiv*.